

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092286.D
 Acq On : 16 Jan 2017 15:45
 Operator : UM/SJ
 Sample : PB96012BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Quant Time: Jan 17 00:43:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

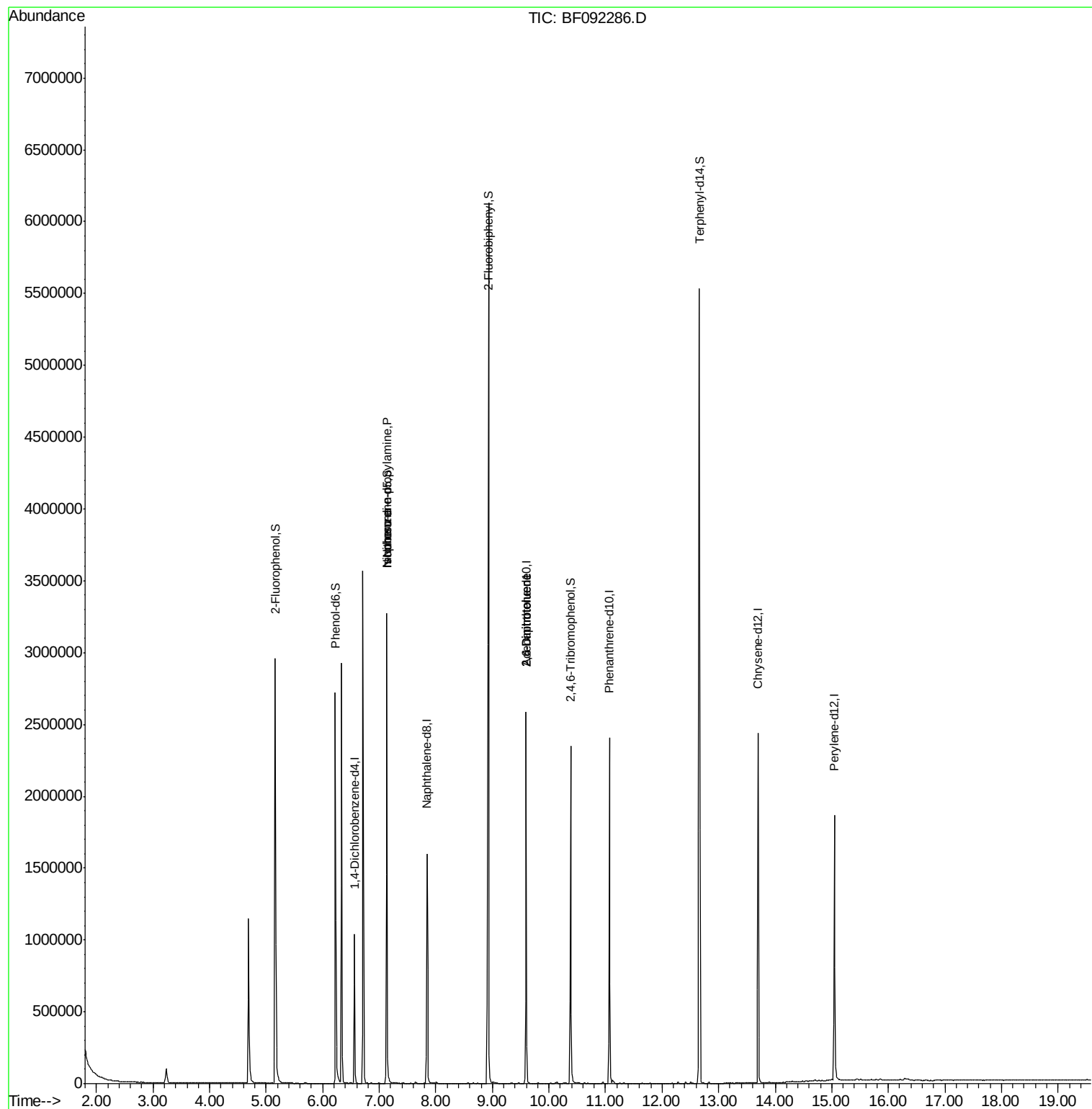
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	209904	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	934514	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	567697	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	934648	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	860860	20.00	ng	-0.09
86) Perylene-d12	15.05	264	784887	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	958027	76.21	ng	-0.08
7) Phenol-d6	6.22	99	1155797	75.31	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1256078	74.74	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	305123	64.95	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	2310553	83.10	ng	-0.08
78) Terphenyl-d14	12.66	244	2136601	60.19	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1341	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	165960	16.25	ng	# 75
25) Isophorone	7.14	82	1236131	39.87	ng	# 65
37) 2-Methylnaphthalene	8.56	142	1995	Below Cal		95
50) 2,6-Dinitrotoluene	9.59	165	74346	9.35	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	74349	7.45	ng	# 19
71) Anthracene	11.15	178	5061	Below Cal		96
73) Di-n-butylphthalate	11.65	149	4599	Below Cal	#	88
74) Fluoranthene	12.28	202	5325	Below Cal		94
76) Benzydine	12.42	184	9511	Below Cal		96

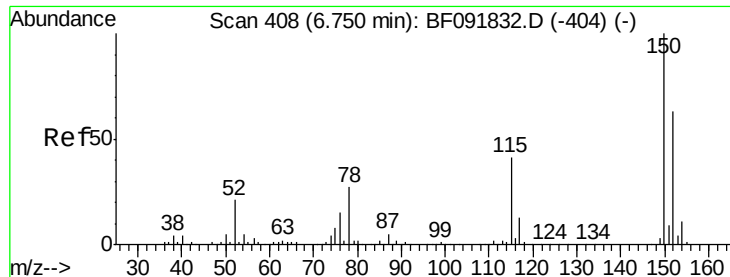
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092286.D

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PB96012BL

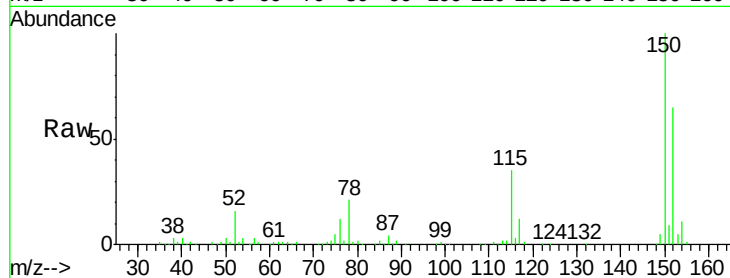
Tgt Ion:152 Resp: 209904

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

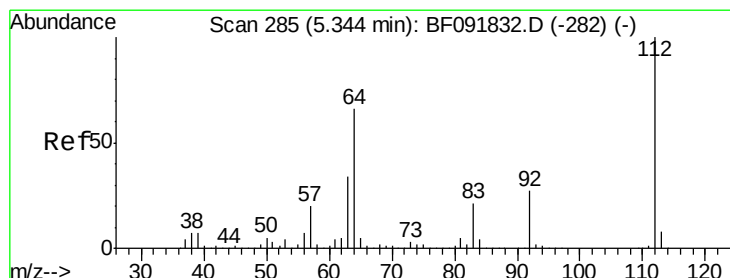
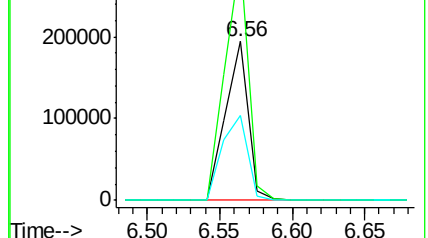
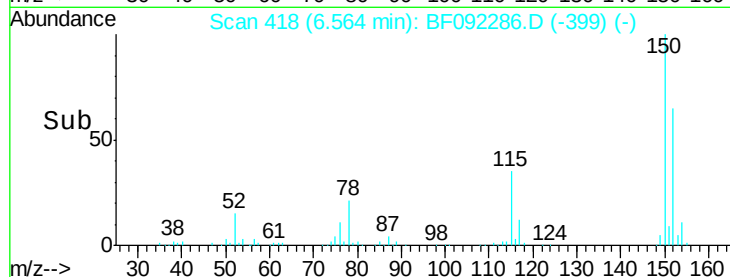
115 53.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 76.21 ng

RT: 5.16 min Scan# 295

Delta R.T. -0.08 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

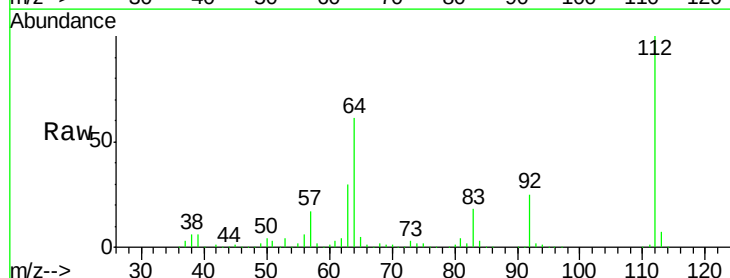
Tgt Ion:112 Resp: 958027

Ion Ratio Lower Upper

112 100

64 60.7 46.1 69.1

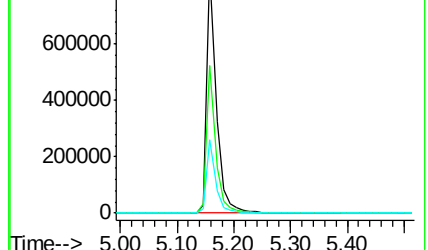
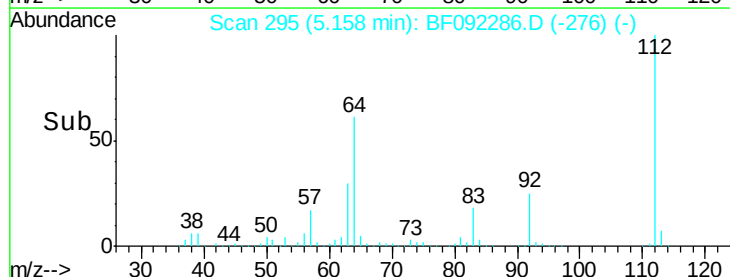
63 30.1 23.8 35.6

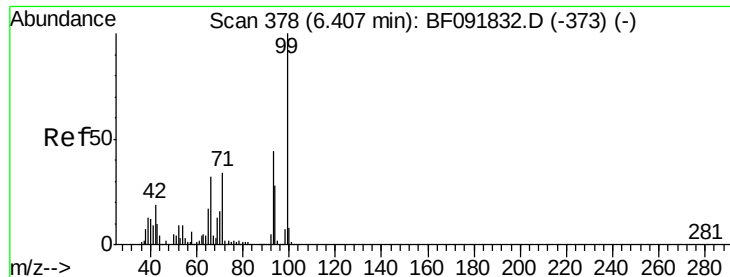


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.31 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB96012BL

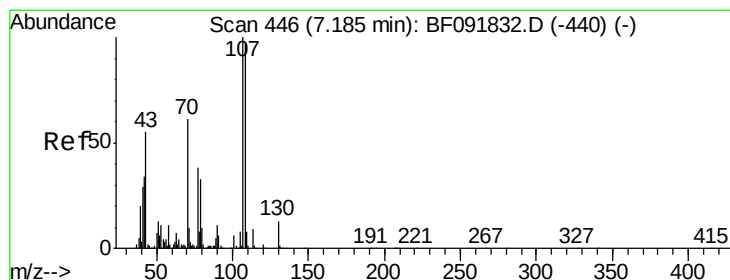
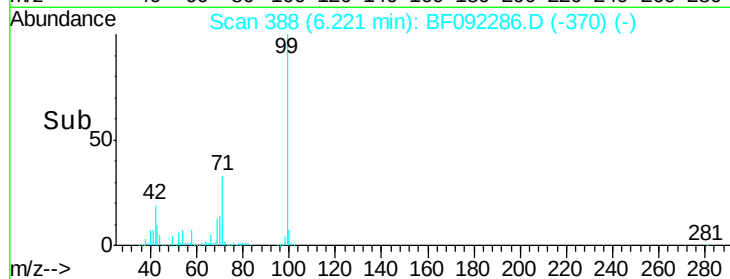
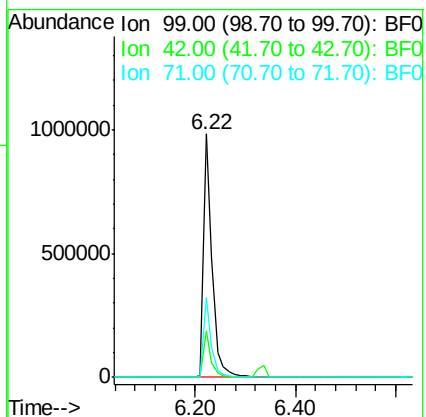
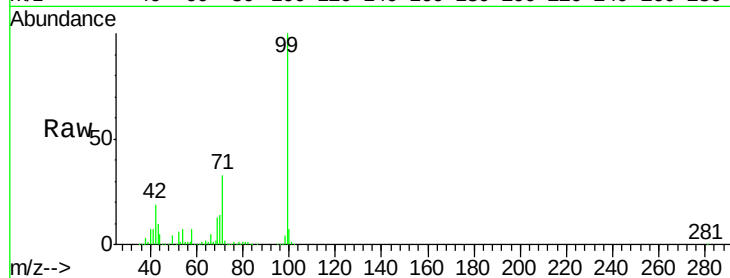
Tgt Ion: 99 Resp: 1155797

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.25 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Tgt Ion: 70 Resp: 165960

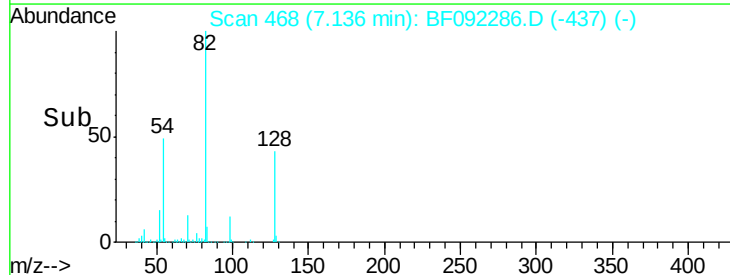
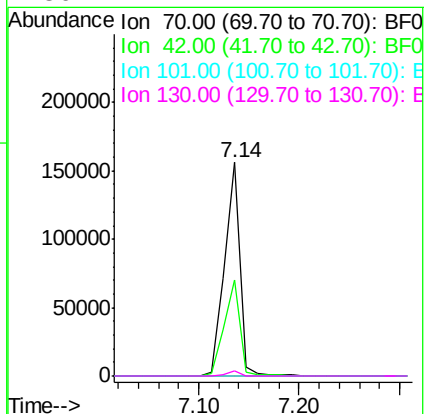
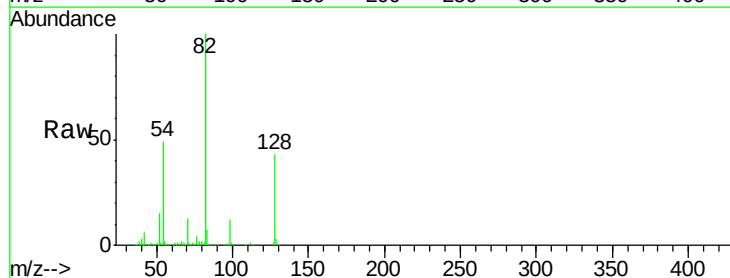
Ion Ratio Lower Upper

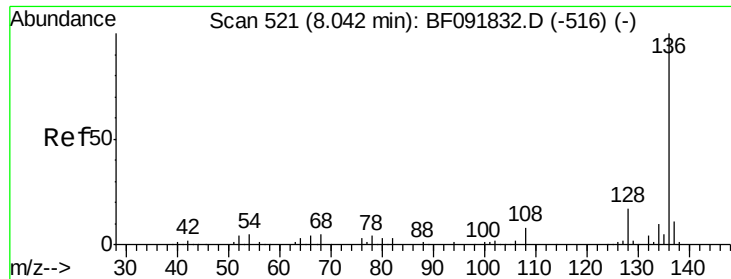
70 100

42 45.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

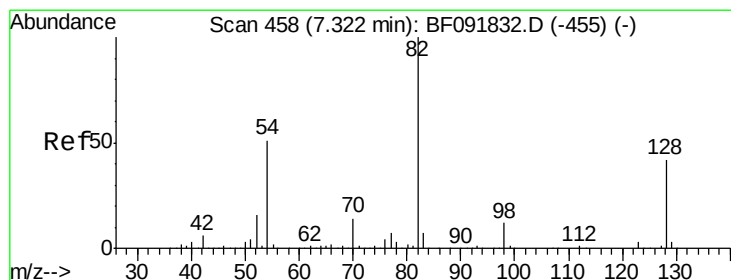
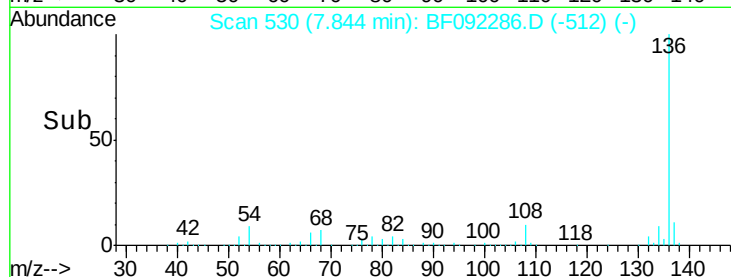
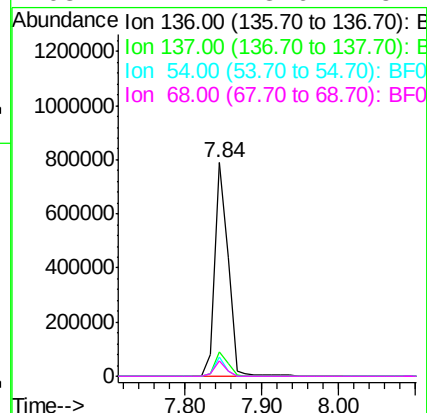
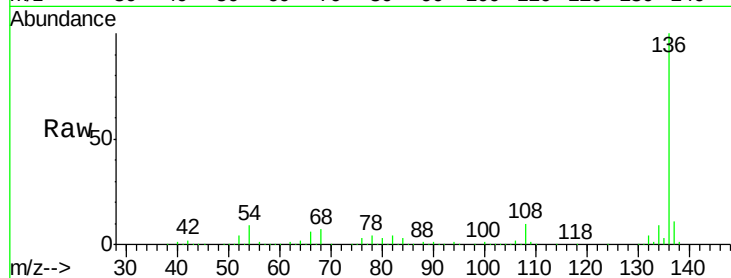




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

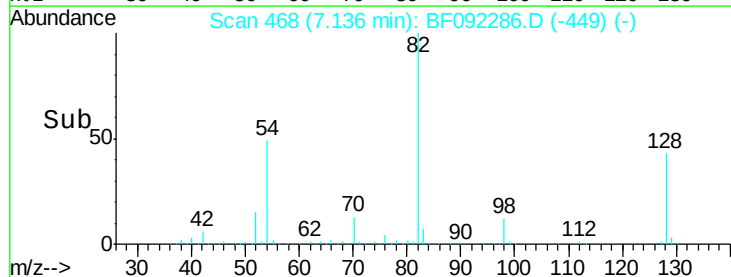
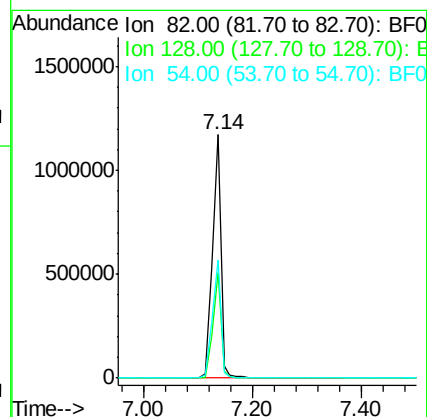
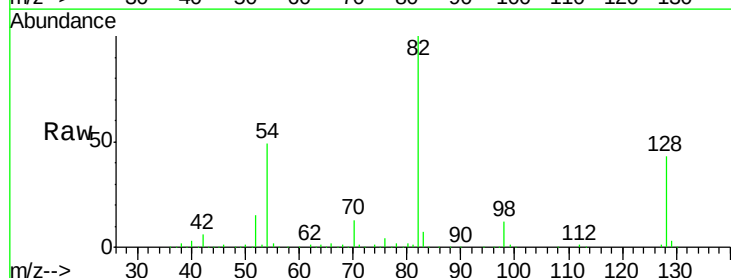
Instrument :
BNA_F
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PB96012BL

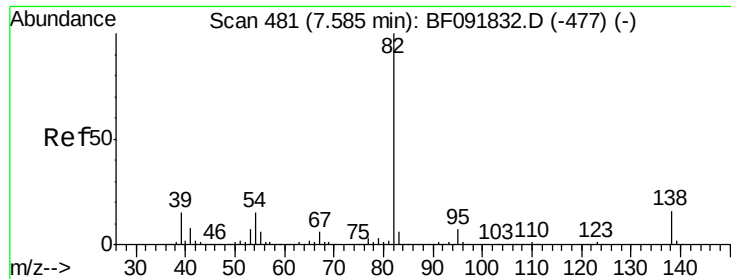
Tgt Ion:	136	Resp:	934514
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.0	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 74.74 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

Tgt Ion:	82	Resp:	1256078
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	48.5	39.5	59.3





#25

Isophorone

Concen: 39.87 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB96012BL

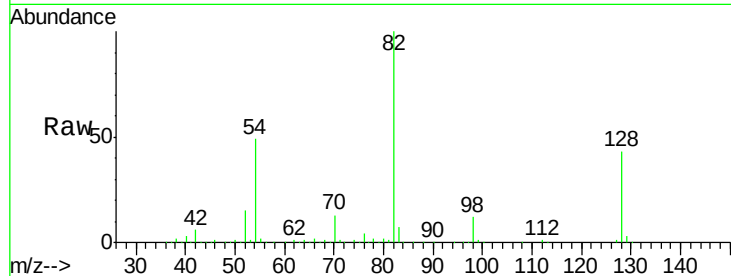
Tgt Ion: 82 Resp: 1236131

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

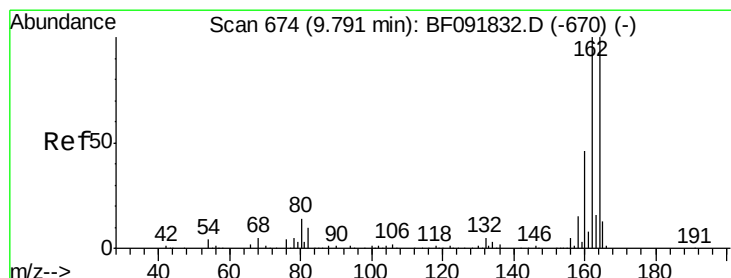
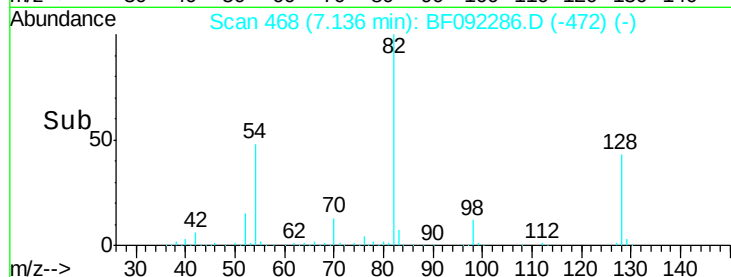
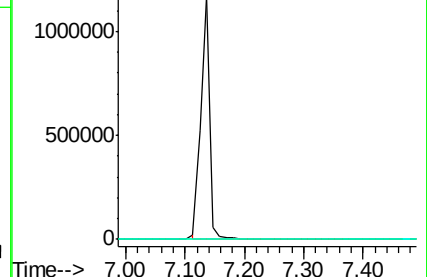
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

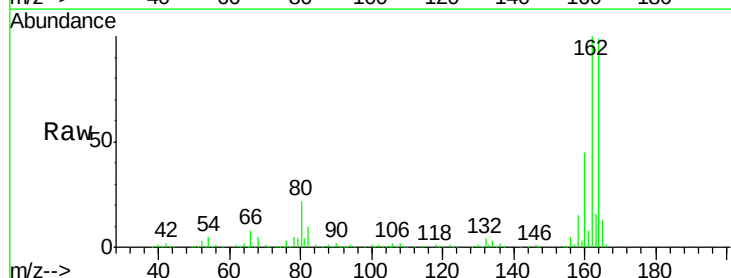
Tgt Ion: 164 Resp: 567697

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

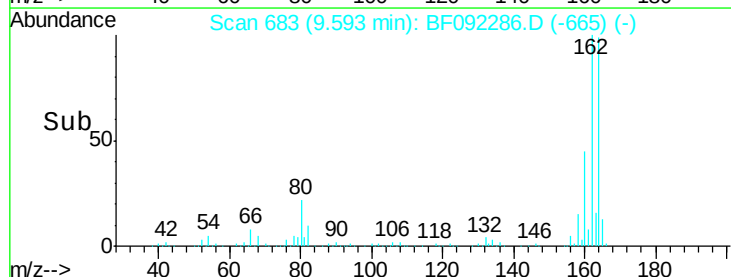
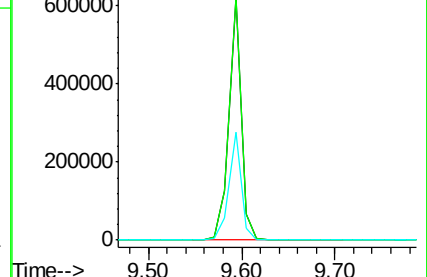
160 44.9 36.9 55.3

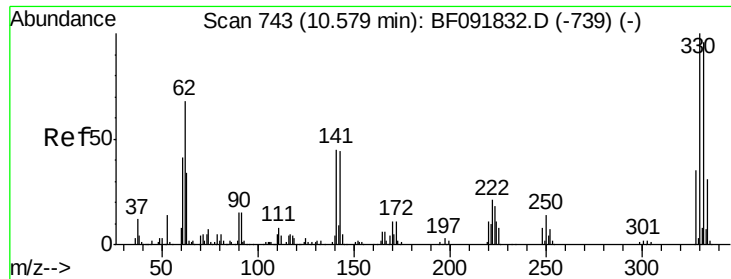


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

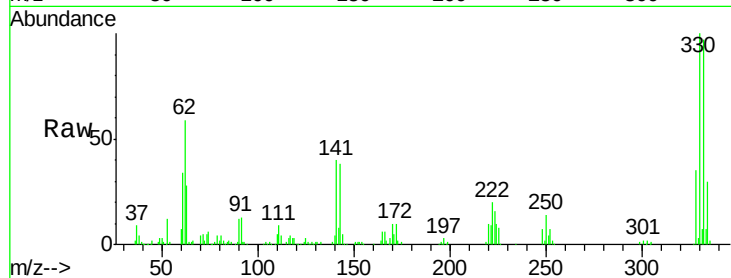




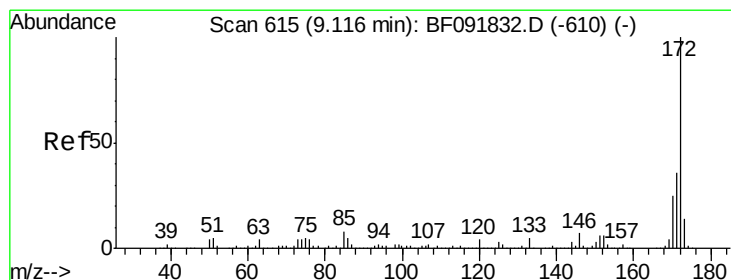
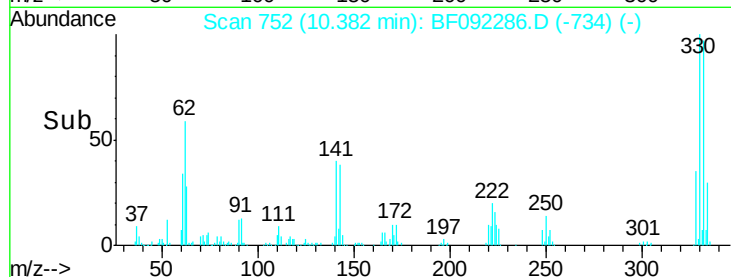
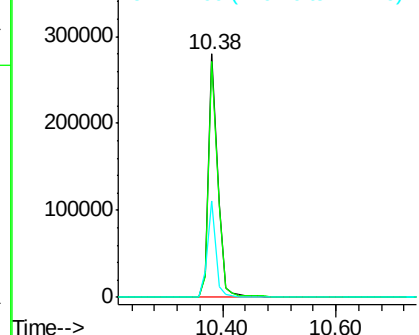
#41
 2,4,6-Tribromophenol
 Concen: 64.95 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Tgt Ion:330 Resp: 305123
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.1 34.1 51.1

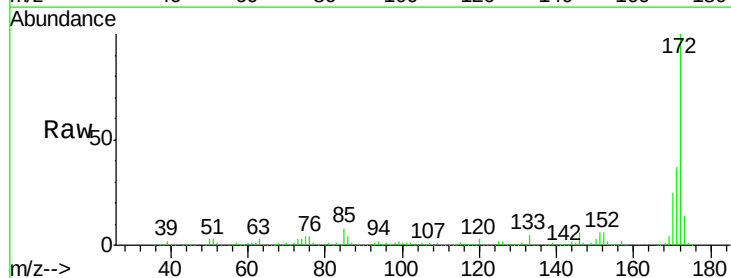


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

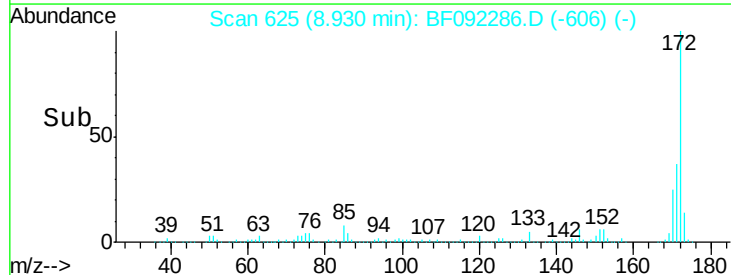
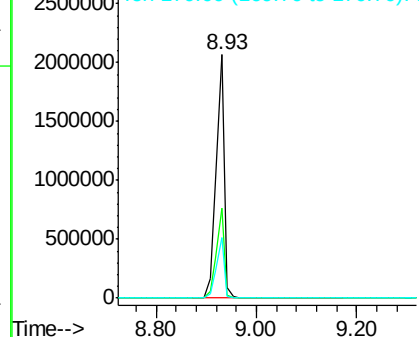


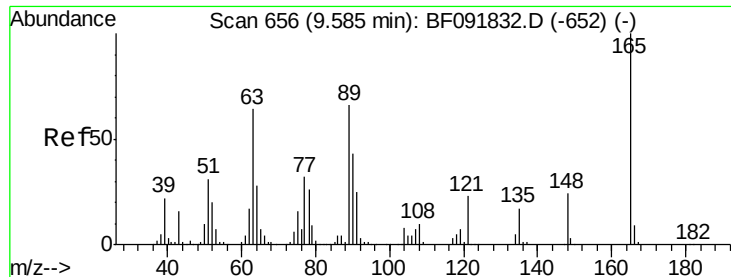
#44
 2-Fluorobiphenyl
 Concen: 83.10 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:172 Resp: 2310553
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

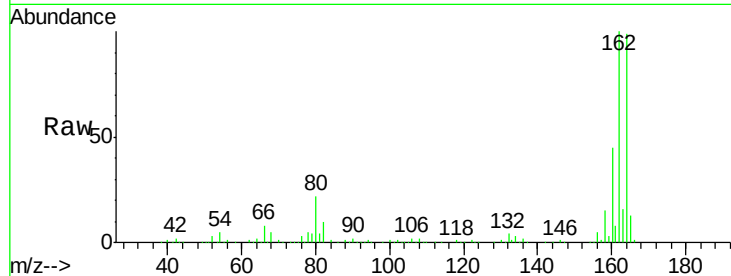




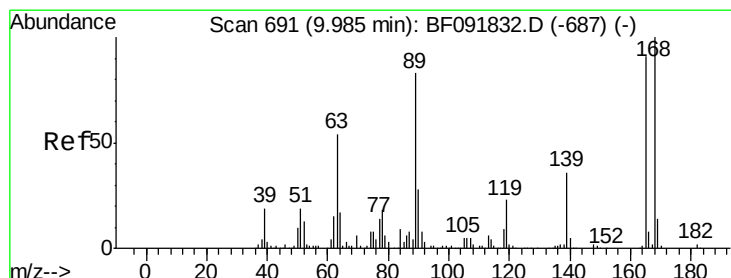
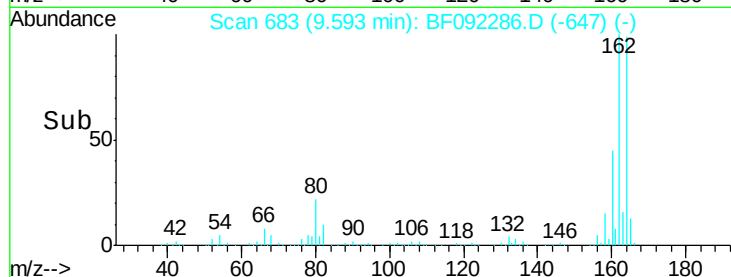
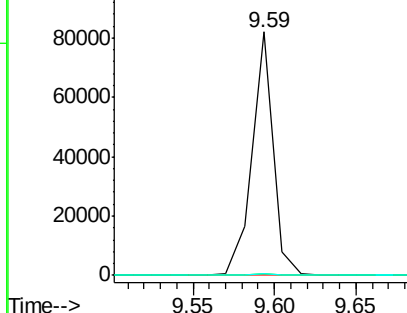
#50
 2,6-Dinitrotoluene
 Concen: 9.35 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.12 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Tgt Ion:165 Resp: 74346
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 0.9 40.2 60.4#



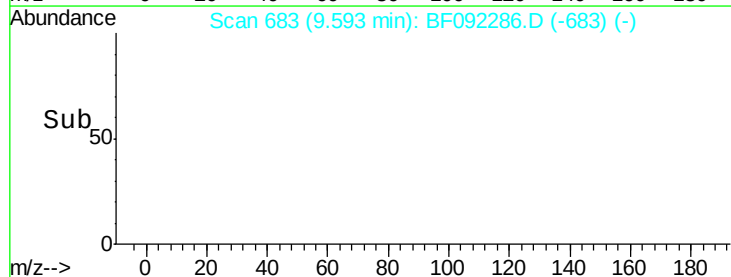
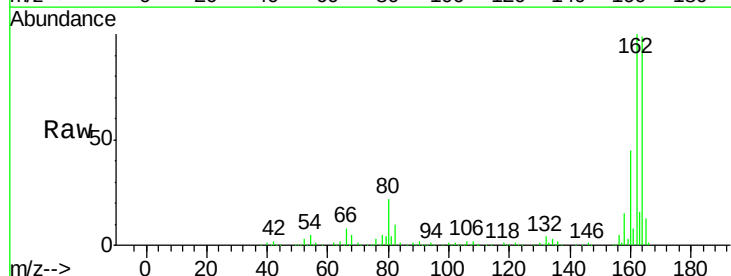
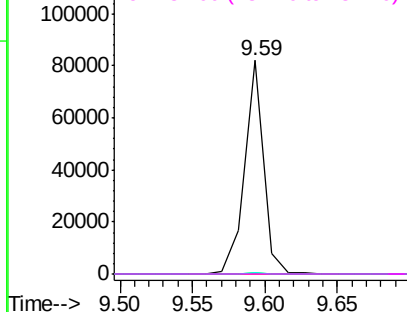
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

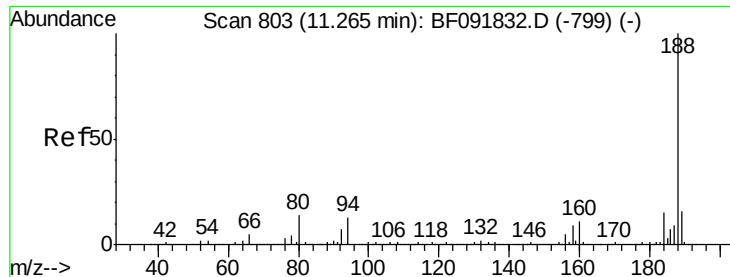


#56
 2,4-Dinitrotoluene
 Concen: 7.45 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.29 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:165 Resp: 74349
 Ion Ratio Lower Upper
 165 100
 63 0.7 40.2 60.4#
 89 0.9 62.5 93.7#
 182 0.0 1.8 2.8#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

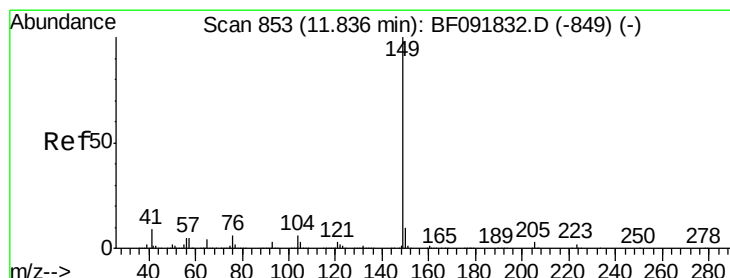
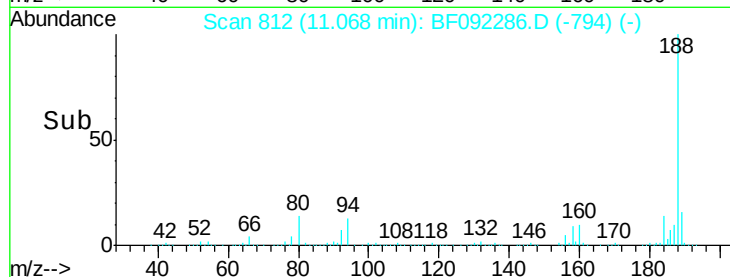
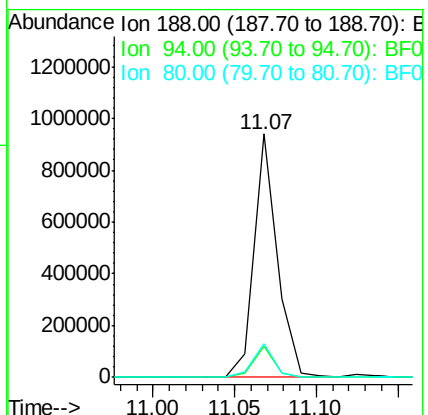
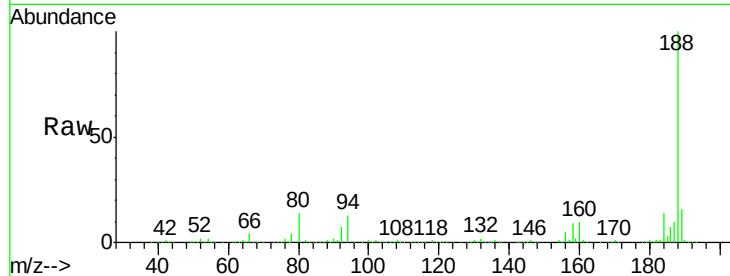




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

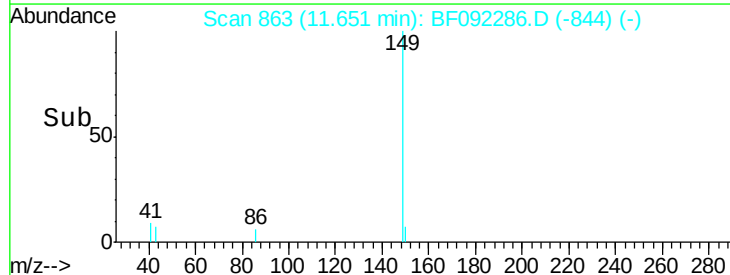
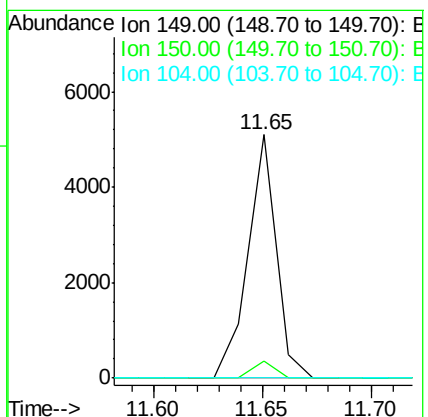
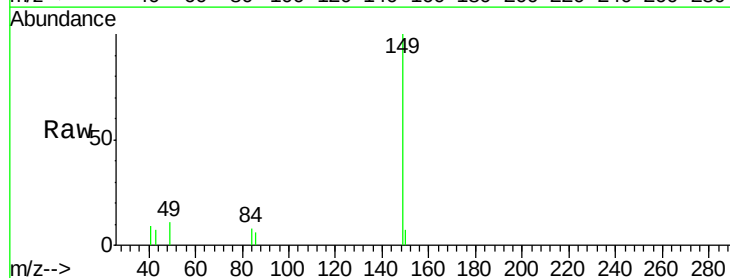
Instrument :
BNA_F
ClientSampleId :
PB96012BL

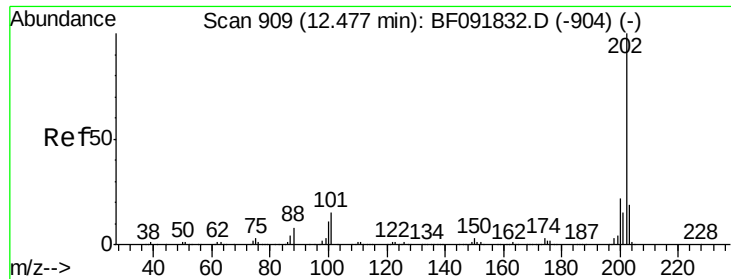
Tgt Ion:188 Resp: 934648
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.7 11.2 16.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF092286.D
Acq: 16 Jan 2017 15:45

Tgt Ion:149 Resp: 4599
Ion Ratio Lower Upper
149 100
150 7.0 8.1 12.1#
104 0.0 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB96012BL

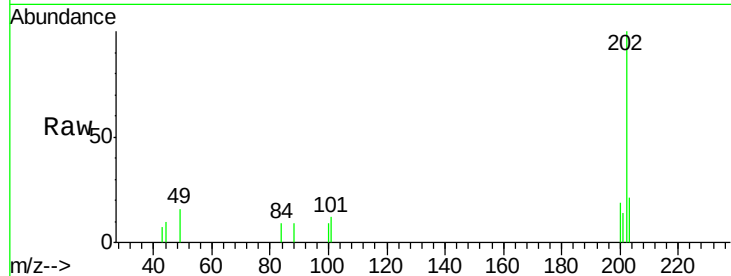
Tgt Ion:202 Resp: 5325

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

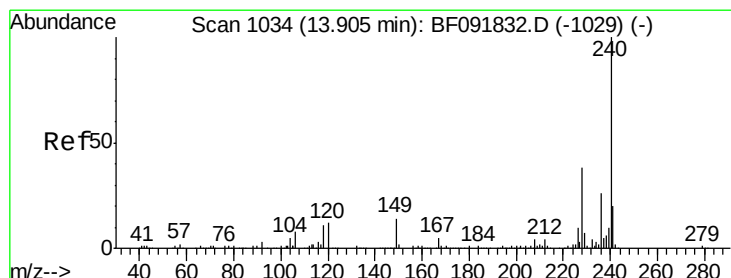
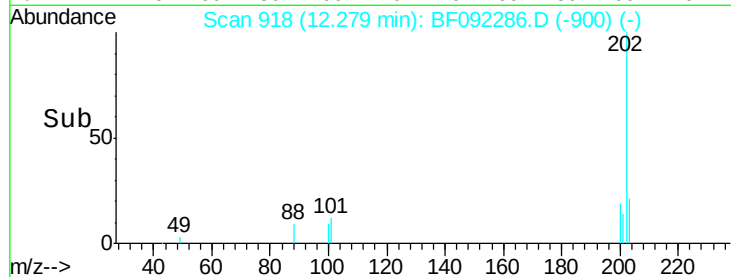
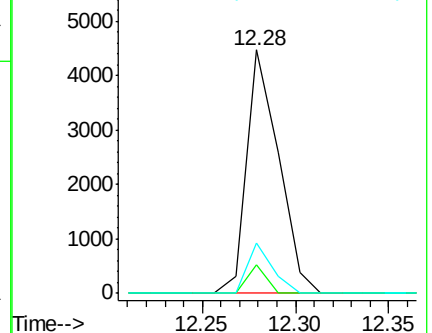
203 20.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092286.D

Acq: 16 Jan 2017 15:45

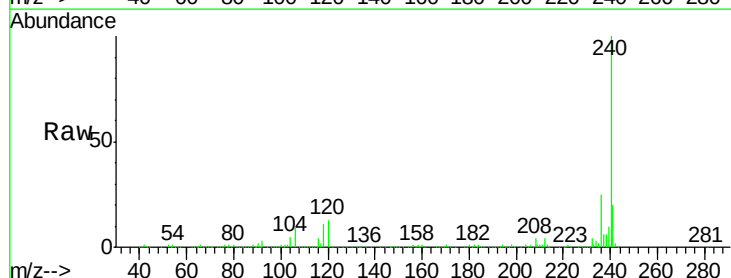
Tgt Ion:240 Resp: 860860

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

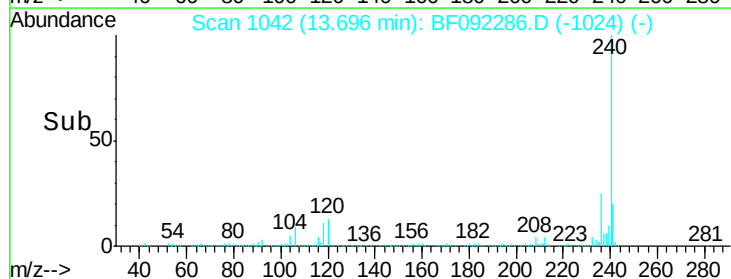
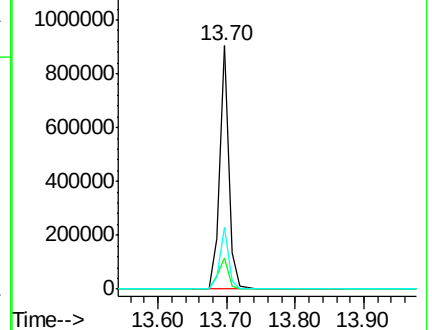
236 25.4 20.9 31.3

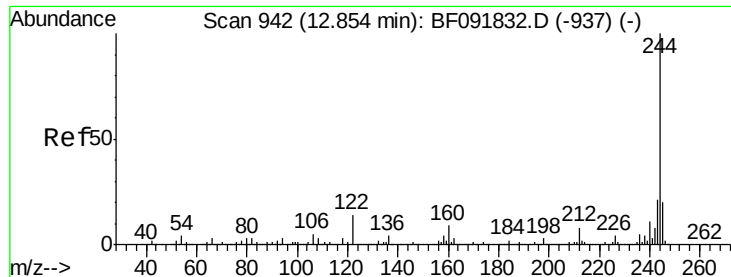


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

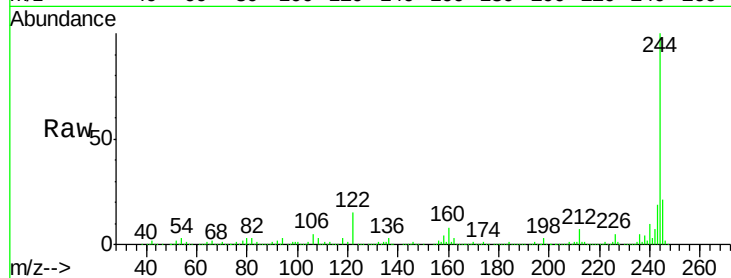




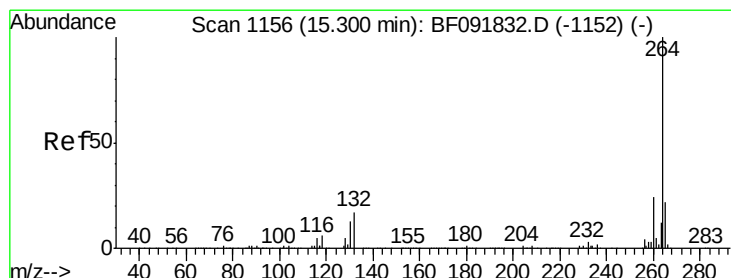
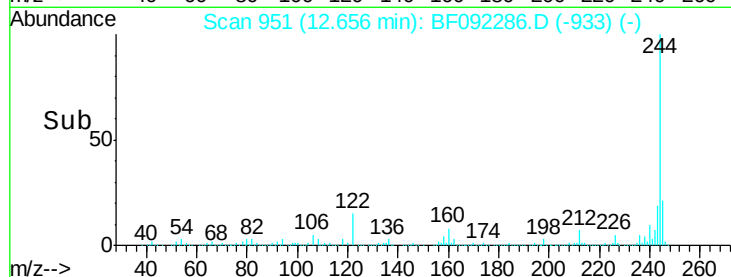
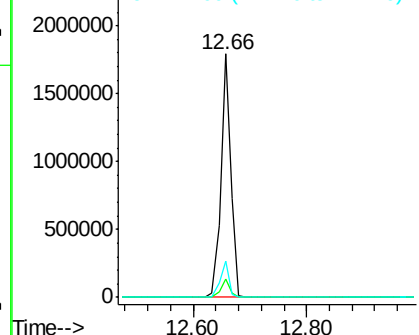
#78
 Terphenyl-d14
 Concen: 60.19 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.09 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012BL

Tgt Ion:244 Resp: 2136601
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 14.7 11.4 17.2

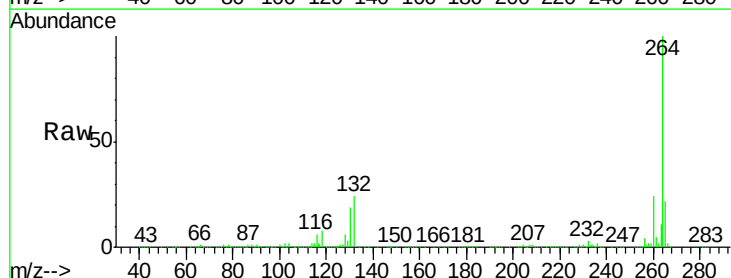


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.10 min
 Lab File: BF092286.D
 Acq: 16 Jan 2017 15:45

Tgt Ion:264 Resp: 784887
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

